

IN THE CLAIMS

1. (Currently Amended) An electronic device (10), which includes
 - a case structure (23),
 - a display component (19) fitted in connection with the case structure (23),
 - camera devices that can be oriented, fitted inside the case structure (23), including an image sensor (12) fitted entirely inside and optics (20.1, 20.2, 20.2'), and
 - an aperture arrangement including at least two apertures (21.1, 21.2) fitted in the case structure (23), for exposing the image sensor (12) directly from the outside, andin which the image sensor (12) is arranged to be rotatable to at least two exposure directions (FS, BS), at least to the display-component (19) side (FS) and to an opposite side (BS) relative to the display component (19), according to which exposure directions (FS, BS) the aperture arrangement (21.1, 21.2) is arranged in the case structure (23) and at least part of the optics (20.2') is arranged to be rotatable along with the image sensor (12) and at least part of the optics (20.1, 20.2) is arranged in connection with the aperture arrangement (21.1, 21.2), characterized in that the image sensor (12) and the optics (20.2') arranged in connection with it can be linearly moved in the case structure (23), in order to permit their rotation.
2. (Currently Amended) A device (10) according to Claim 1, characterized in that at least part of the optics (20.1), is equipped with actuator devices (24), for example, in order to permit alteration of the focal length.
3. (Currently Amended) A device (10) according to Claim 1 or 2, characterized in that at least part of the optics, such as, for example, the optics (20.2, 20.2') arranged on the display-component (19) side, is arranged for close-up imaging.
4. (Currently Amended) A device (10) according to any of Claims 1 —3, characterized in that in connection with the aperture arrangement (21.1, 21.2) there are shutter devices (22) for closing the aperture (21.1) that is not in use at the time.

5. (Currently Amended) A device (10) according to ~~any of~~ Claims 1 –4, characterized in that the shutter devices (22) are in connection with the camera devices (12).

6. (Currently Amended) A device (10) according to ~~any of~~ Claims 1 –5, characterized in that in connection with the camera devices (12) there are detection devices (16-5) for determining the exposure direction (FS, BS) in use at the time.

7. (Currently Amended) A method for controlling the orienting of camera devices (12) in an electronic device (10), in which there are directional camera devices inside the case structure (23) of the device (10), including at least an image sensor (12) and optics (20.1, 20.2, 20.2'), and in which the case structure (23) includes an aperture arrangement including at least two apertures (21.1, 21.2) in connection with at least part of the optics (20.1, 20.2) is arranged for exposing the image sensor (12) directly from the outside, which aperture arrangement (21.1, 21.2) is arranged in at least two exposure directions (FS, BS) at least to the display-component (19) side (FS) and to an opposite side (BS) relative to the display component (19), and in which method

- the image sensor (12) and at least part of the said optics (20.2') is oriented by rotating them to the selected exposure direction (FS, BS) without directing the orienting operations to the actual case structure (23) of the device (10) and
- imaging is performed,

characterized in that, the image sensor (12) and the said part of the optics (20.2') are linearly moved in the case structure (23), in order to permit their rotation.

8. (Currently Amended) A method according to Claim 7, characterized in that the part of the aperture arrangement (21.1) not in use at the time is shut off from the aperture arrangement (21.1, 21.2).

9. (Currently amended) A method according to Claim 7 or 8, characterized in that the rotation of the image sensor (12) and the optics (20.2') is motorized.

10. (Currently Amended) An image sensor (12), which can be fitted to an electronic device (10), which electronic device (10) includes

- a case structure (23),
- a display component (19) arranged in connection with the case structure (19),
- camera devices that can be oriented, fitted inside the case structure (23), including the said entirely internally fitted image sensor (12) and optics (20.1, 20.2, 20.2'), and
- an aperture arrangement including at least two apertures (21.1, 21.2) fitted in the case structure (23) in connection with which aperture arrangement at least part of the optics (20.1, 20.2) is arranged, for exposing the image sensor (12) directly from the outside, and

in which the image sensor (12) is arranged to be rotatable to at least two exposure directions (FS, BS), at least to the display-component (19) side (FS) and to an opposite side (BS) relative to the display component (19), according to which exposure directions (FS, BS) the aperture arrangement (21.1, 21.2) is arranged in the case structure (23) and at least part of the optics (20.2') is arranged to be rotatable along with the image sensor (12), characterized in that the image sensor (12) and the optics (20.2') arranged in connection with it can be linearly moved in the case structure (23), in order to permit their rotation.